

Converting Colors

XYZ(60.7576, 64.8269, 91.7487)

Have a look what the booklet for
XYZ(60.7576, 64.8269, 91.7487)
contains.

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Color

**XYZ(60.7576, 64.8269,
91.7487)**

Conversions

Conversions Part 1

Format	Color
Hex	BED5F0
RGB	190, 213, 240
RGB Percent	75%, 84%, 94%
CMY	0.2549, 0.1647, 0.0588
CMYK	0.21, 0.11, 0.00, 0.06
HSL	212°, 63%, 84%
HSV	212°, 21%, 94%
XYZ	60.7576, 64.8269, 91.7487
YIQ	209.2010, -22.3750, 3.5210

Conversions

Conversions Part 2

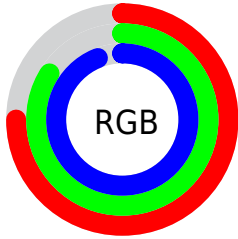
Format	Color
R _{YB}	190, 206, 240
Decimal	12506608
CIE _{Lab}	84.39, -2.02, -15.81
CIE _{LCh}	84, 15.939, 262.723
Yxy	64.8269, 0.2796, 0.2983
Android (android.graphics.Color)	4290696688 (0xFFBED5F0)
YUV	209.2010, 15.1839, -16.8393
Hunter-Lab	80.5152, -6.2035, -11.2016

Details

The XYZ color **60.7576, 64.8269, 91.7487** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.0429, 71.8688, 58.8970**, and the grayscale version is **60.6515, 63.8101, 69.4892**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **31.0319, 33.1487, 50.1102** is the 20% darker color. If you saturate the color by 10%, you get **52.1196, 55.7282, 90.4488**, and if you desaturate by 10%, it is **70.6471, 74.9607, 93.1845**.

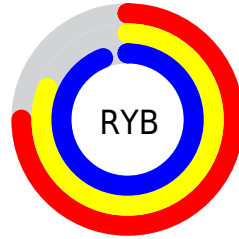
Distribution



Red (75%)

Green (84%)

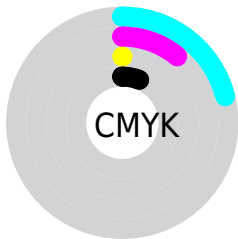
Blue (94%)



Red (75%)

Yellow (81%)

Blue (94%)

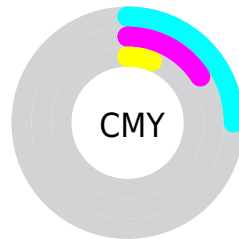


Cyan (21%)

Magenta (11%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (16%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.7576, 64.8269, 91.7487 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 60.7576, 64.8269, 91.7487 by changing the saturation by 10% instead.

■ 60.7576, 64.8269,
91.7487

■ 60.7576, 64.8269,
91.7487

417.1748,
442.1697, 554.4192

■ 44.2814, 47.3207,
68.8501

■ 105.0280,
111.8010, 151.7217

■ 31.0906, 33.2893,
50.1186

133.5528,
142.0376, 189.6332

■ 20.8200, 22.3481,
35.1358

166.8246,
177.2866, 233.3860

■ 13.1042, 14.1129,
23.4831

205.2087,
217.9323, 283.3987

■ 7.5779, 8.1993,
14.7420

249.0704,
264.3590, 340.0898

■ 3.8756, 4.2227,
8.4939

298.7751,

■ 1.6320, 1.7989,

316.9512, 403.8779

4.3203

354.6881,
376.0933, 475.1816

■ 0.4131, 0.4865,
1.8027

■ 0.0000, 0.0000,
0.4297

■ 60.7576, 64.8269,
91.7487

■ 60.7576, 64.8269,
91.7487

■ 52.1196, 55.7282,
90.4488

■ 70.6471, 74.9607,
93.1845

■ 44.6728, 47.6197,
89.2762

■ 81.8330, 86.1565,
94.7560

■ 38.3606, 40.4645,
88.2278

■ 91.7415, 97.0975,
96.3456

■ 33.1191, 34.2199,
87.2987

■ 92.7284, 99.0714,
96.6746

■ 28.8772, 28.8392,
86.4837

■ 25.5542, 24.2703,
85.7770

■ 23.0547, 20.4528,
85.1719

■ 21.3489, 17.5324,
84.6981

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



57.5835, 64.8269, 87.2664



60.7576, 64.8269, 91.7487



64.2837, 64.8269, 90.1426

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.7576, 64.8269, 91.7487



68.1121, 64.8269, 63.3180



56.3555, 64.8269, 59.4216

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.7576, 64.8269, 91.7487



70.0429, 71.8688, 58.8970

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.0232, 64.8269, 54.0838



60.7576, 64.8269, 91.7487



65.8325, 64.8269, 56.1784

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.7576, 64.8269, 91.7487



68.6197, 64.8269, 73.0844



62.4825, 64.8269, 52.9559



55.1059, 64.8269, 68.1442

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.7576, 64.8269, 91.7487



66.3518, 64.8269, 85.9017



62.4825, 64.8269, 52.9559



57.1111, 64.8269, 57.2074

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.7596, 64.8295, 91.7502



87.0643, 92.0546, 107.7873



64.8776, 78.2610, 77.1063



18.4564, 19.5242, 23.0457



0.0000, 0.0000, 0.0000



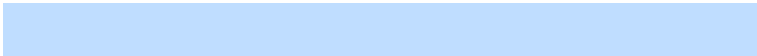
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.7596, 64.8295, 91.7502



65.3440, 69.8192, 104.6402



55.7969, 54.2827, 89.9760



15.4965, 16.4270, 20.0756



11.8164, 9.8570, 46.4077



1.0814, 1.0168, 3.8935

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



66.3605, 60.1578, 71.0678



72.9204, 63.8287, 76.5891



75.8275, 84.2740, 60.9866



16.0753, 15.8798, 17.9526



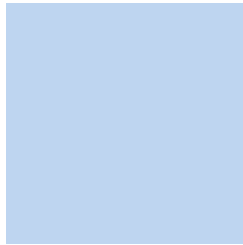
21.2900, 10.7884, 9.4436



1.8208, 0.9174, 1.0472

Previews

White Background



This preview shows how the XYZ color 60.7576, 64.8269, 91.7487 looks on a white background.

Color Contrast Check

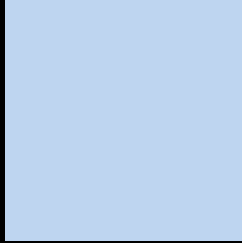
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 60.7576, 64.8269, 91.7487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

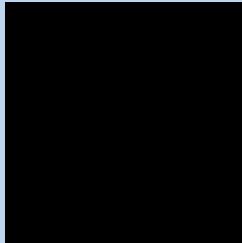
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

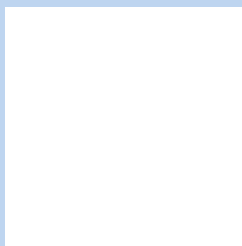
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7576, 64.8269, 91.7487

Background



This preview shows how black text looks on a background with the XYZ color 60.7576, 64.8269, 91.7487.



This preview shows how white text looks on a background with the XYZ color 60.7576, 64.8269,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.7576, 64.8269, 91.7487

Protanopia

63.5401, 64.8372, 89.2867

Deuteranopia

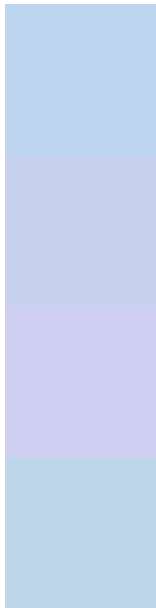
66.1772, 64.6724, 92.9995



Tritanopia

59.2094, 64.5540, 84.9408

Trichromacy



Original Color

60.7576, 64.8269, 91.7487

Protanomaly

62.2986, 64.5456, 90.0640

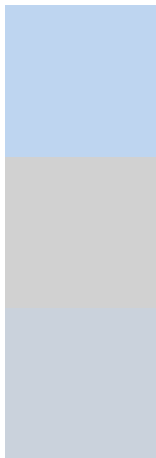
Deuteranomaly

64.1652, 64.7280, 92.3310

Tritanomaly

59.8841, 64.8525, 87.2034

Monochromacy



Original Color

60.7576, 64.8269, 91.7487

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.3220, 63.8171, 76.8488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7576, 64.8269, 91.7487 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(190, 213, 240)` looks like.

```
.text, #text, p{  
    color:rgb(190, 213, 240)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(190, 213, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 213, 240) }
```

Border

The CSS property to change the border of an element to XYZ 60.7576, 64.8269, 91.7487 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 213, 240) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(190, 213, 240) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(190, 213, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 213, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 213, 240);  
box-shadow:4px 4px 4px 4px rgb(190, 213,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7576, 64.8269, 91.7487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 213, 240) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(190,  
213, 240) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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